

Project Name: Annual Water Main Replacement Project
Forest Crest Subdivision (REBID)
Project Number: 2015-10

Bid Date: Tuesday, June 16, 2015

Time: 10:00 A.M.

Fund: Water Non Lake Capital

Organization Code: 81808118
Object Code: 488800

Engineer's Estimate

City
Water Management
Department

**Burdick Plumbing &
Heating Company, Inc.**
1175 North 20th Street
Decatur, IL 62521

Ph: 217-429-2385
Fax: 217-429-9781

Douglas W. Burdick, Pres.
Jeffrey S. Burdick
jeff@burdickplumbing.com

Item No.	Pay Item	QTY	Unit	Unit Price	Total	Unit Price	Total
1	6 INCH POLYWRAPPED D.I.P. WATER MAIN	200	FEET	\$50.00	\$10,000.00	\$35.00	\$7,000.00
2	8 INCH POLYWRAPPED D.I.P. WATER MAIN	5,500	FEET	\$60.00	\$330,000.00	\$42.00	\$231,000.00
3	12 INCH POLYWRAPPED D.I.P. WATER MAIN	960	FEET	\$75.00	\$72,000.00	\$68.00	\$65,280.00
4	10 INCH HDPE PIPE WATER MAIN DIRECTIONAL BORED	180	FEET	\$150.00	\$27,000.00	\$130.00	\$23,400.00
5	10 INCH HDPE TO 10 INCH D.I.P. COUPLING	2	EACH	\$400.00	\$800.00	\$500.00	\$1,000.00
6	10 INCH X 8 INCH D.I.P. REDUCER, MJ	2	EACH	\$400.00	\$800.00	\$500.00	\$1,000.00
7	12 INCH X 8 INCH TAPPING SLEEVE AND VALVE WITH VALVE BOX	1	EACH	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00
8	12 INCH VALVE, MJ WITH VALVE BOX	2	EACH	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00
9	12 INCH 45 DEGREE BENDS, MJ	1	EACH	\$400.00	\$400.00	\$600.00	\$600.00
10	12 INCH 22.5 DEGREE BENDS, MJ	2	EACH	\$400.00	\$800.00	\$600.00	\$1,200.00
11	12 INCH X 6 INCH TEE WITH ROTATABLE GLAND, MJ	2	EACH	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00
12	12 INCH X 8 INCH REDUCER, MJ	1	EACH	\$400.00	\$400.00	\$1,000.00	\$1,000.00
13	12 INCH X 6 INCH REDUCER, MJ	1	EACH	\$400.00	\$400.00	\$1,000.00	\$1,000.00
14	12 INCH X 12 TEE, MJ	1	EACH	\$500.00	\$500.00	\$1,250.00	\$1,250.00
15	12 INCH X 8 INCH TEE, MJ	2	EACH	\$400.00	\$800.00	\$1,000.00	\$2,000.00
16	12 INCH SLEEVE, MJ	1	EACH	\$400.00	\$400.00	\$600.00	\$600.00
17	12 INCH PLUG, MJ	1	EACH	\$200.00	\$200.00	\$500.00	\$500.00
18	12 INCH GRIP RING ACCESSORY KITS	20	EACH	\$250.00	\$5,000.00	\$250.00	\$5,000.00
19	10 INCH GRIP RING ACCESSORY KITS	2	EACH	\$200.00	\$400.00	\$200.00	\$400.00
20	10 INCH SERVICE SADDLES	2	EACH	\$400.00	\$800.00	\$400.00	\$800.00
21	8 INCH VALVE, MJ WITH VALVE BOX	8	EACH	\$2,500.00	\$20,000.00	\$2,500.00	\$20,000.00
22	8 INCH 45 DEGREE BENDS, MJ	7	EACH	\$300.00	\$2,100.00	\$400.00	\$2,800.00
23	8 INCH 22.5 DEGREE BENDS, MJ	4	EACH	\$300.00	\$1,200.00	\$400.00	\$1,600.00
24	8 INCH X 8 INCH TEE, MJ	2	EACH	\$400.00	\$800.00	\$450.00	\$900.00
25	8 INCH X 6 INCH TEE, MJ	1	EACH	\$400.00	\$400.00	\$450.00	\$450.00
26	8 INCH GRIP RING ACCESSORY KITS	30	EACH	\$200.00	\$6,000.00	\$200.00	\$6,000.00
27	8 INCH FIELD LOCKS	12	EACH	\$150.00	\$1,800.00	\$180.00	\$2,160.00
28	8 INCH X 6 INCH TEE WITH ROTATABLE GLAND, MJ	13	EACH	\$400.00	\$5,200.00	\$650.00	\$8,450.00
29	8 INCH PLUG, MJ	2	EACH	\$200.00	\$400.00	\$300.00	\$600.00
30	6 INCH VALVE, MJ WITH VALVE BOX	16	EACH	\$2,000.00	\$32,000.00	\$1,500.00	\$24,000.00
31	6 INCH SLEEVE	1	EACH	\$200.00	\$200.00	\$400.00	\$400.00
32	6 INCH CAP, MJ	2	EACH	\$200.00	\$400.00	\$300.00	\$600.00
33	6 INCH GRIP RING ACCESSORY KITS	10	EACH	\$150.00	\$1,500.00	\$150.00	\$1,500.00
34	FIRE HYDRANT	15	EACH	\$2,500.00	\$37,500.00	\$4,500.00	\$67,500.00
35	1-1/2 INCH X 50 FT WATER SERVICE (LONG) W/CURB STOP AND CORP	1	EACH	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00
36	1 INCH X 10 FT WATER SERVICE (SHORT) W/CURB STOP AND CORP	36	EACH	\$1,000.00	\$36,000.00	\$1,500.00	\$54,000.00
37	1 INCH X 50 FT WATER SERVICE (LONG) W/CURB STOP AND CORP, BORED	29	EACH	\$1,500.00	\$43,500.00	\$3,300.00	\$95,700.00

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38	REMOVE FIRE HYDRANT AND ABANDON EXISTING VALVE	14	EACH	\$750.00	\$10,500.00	\$800.00	\$11,200.00
39	ABANDON EXISTING VALVE	8	EACH	\$500.00	\$4,000.00	\$600.00	\$4,800.00
40	TRENCH BACKFILL	3,300	TONS	\$20.00	\$66,000.00	\$27.00	\$89,100.00
41	PIPE CULVERT REMOVAL	400	FEET	\$10.00	\$4,000.00	\$10.00	\$4,000.00
42	CORRUGATED STEEL CULVERT PIPE, 12 INCH	800	FEET	\$25.00	\$20,000.00	\$45.00	\$36,000.00
43	END SECTIONS	80	EACH	\$150.00	\$12,000.00	\$250.00	\$20,000.00
44	PAVEMENT SAW CUTS	400	FEET	\$10.00	\$4,000.00	\$4.00	\$1,600.00
45	DRIVEWAY PAVEMENT REMOVAL	400	SQ YD	\$10.00	\$4,000.00	\$18.00	\$7,200.00
46	CLASS D PATCHES, 3 INCH	250	SQ YD	\$100.00	\$25,000.00	\$80.00	\$20,000.00
47	CLASS D PATCHES, 5 INCH	100	SQ YD	\$100.00	\$10,000.00	\$110.00	\$11,000.00
48	PCC DRIVEWAY PAVEMENT, 6 INCH	20	CU YD	\$200.00	\$4,000.00	\$350.00	\$7,000.00
49	STONE DUMPED RIPRAP, RR2	120	SQ YD	\$50.00	\$6,000.00	\$5.00	\$600.00
50	GRADING AND SHAPING DITCHES	6,500	FEET	\$3.00	\$19,500.00	\$3.50	\$22,750.00
51	INLET AND PIPE PROTECTION	40	EACH	\$200.00	\$8,000.00	\$60.00	\$2,400.00
52	TEMPORARY EROSION CONTROL SEEDING	200	POUND	\$6.00	\$1,200.00	\$5.00	\$1,000.00
53	CLEARING AND GRUBBING	0.2	ACRE	\$25,000.00	\$5,000.00	\$7,500.00	\$1,500.00
54	SEEDING, CLASS 1 (LAWN MIXTURE)	2.5	ACRE	\$4,000.00	\$10,000.00	\$5,500.00	\$13,750.00
55	NITROGEN FERTILIZER NUTRIENT	200	POUND	\$6.00	\$1,200.00	\$3.00	\$600.00
56	PHOSPHORUS FERTILIZER NUTRIENT	200	POUND	\$6.00	\$1,200.00	\$3.00	\$600.00
57	POTASSIUM FERTILIZER NUTRIENT	200	POUND	\$6.00	\$1,200.00	\$3.00	\$600.00
58	MULCH, METHOD 2	2.5	ACRE	\$2,000.00	\$5,000.00	\$2,000.00	\$5,000.00
59	EXPLORATION EXCAVATIONS	30	EACH	\$400.00	\$12,000.00	\$700.00	\$21,000.00
60	TRAFFIC CONTROL	1	LSUM	\$2,000.00	\$2,000.00	\$12,500.00	\$12,500.00
61	MOBILIZATION	1	LSUM	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
62	WHITE ROCK	100	TONS	\$20.00	\$2,000.00	\$30.00	\$3,000.00
63	ALTERATIONS, CANCELLATIONS, EXTENSIONS, DEDUCTIONS AND EXTRA WORK	1	LSUM	\$75,000.00	\$75,000.00	\$75,000.00	\$75,000.00
64	16 INCH SLEEVES	50	FEET	\$100.00	\$5,000.00	\$100.00	\$5,000.00
65	CUT AND CAP OLD 6 INCH MAIN, REMOVE VALVE BOX	1	EACH	\$750.00	\$750.00	\$600.00	\$600.00

ALTERNATE BID ITEMS

A-1	8 INCH POLYWRAPPED D.I.P. WATER MAIN	1,200	FEET	\$60.00	\$72,000.00	\$50.00	\$60,000.00
A-2	8 INCH X 6 INCH TEE WITH ROTATABLE GLAND, MJ	2	EACH	\$400.00	\$800.00	\$1,000.00	\$2,000.00
A-3	6 INCH VALVE, MJ WITH VALVE BOX	2	EACH	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00
A-4	FIRE HYDRANT	2	EACH	\$2,500.00	\$5,000.00	\$5,000.00	\$10,000.00
A-5	1 INCH X 10 FT WATER SERVICE (SHORT)	9	EACH	\$1,000.00	\$9,000.00	\$1,800.00	\$16,200.00
A-6	1 INCH X 50 FT WATER SERVICE (LONG) W/CURB STOP AND CORP, BORED	9	EACH	\$1,500.00	\$13,500.00	\$3,800.00	\$34,200.00
A-7	REMOVE FIRE HYDRANT AND ABANDON	2	EACH	\$750.00	\$1,500.00	\$1,000.00	\$2,000.00
A-8	CLASS D PATCHES, 3 INCH	150	SQ YD	\$100.00	\$15,000.00	\$100.00	\$15,000.00
A-9	CLASS D PATCHES, 5 INCH	200	SQ YD	\$100.00	\$20,000.00	\$110.00	\$22,000.00
A-10	PAVEMENT SAW CUTS	400	FEET	\$10.00	\$4,000.00	\$6.00	\$2,400.00

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Item No.	Pay Item	QTY	Unit	Unit Price	Total	Unit Price	Total
A-11	DRIVEWAY SAW CUTS	100	FEET	\$10.00	\$1,000.00	\$6.00	\$600.00
A-12	TRENCH BACKFILL	200	TONS	\$20.00	\$4,000.00	\$30.00	\$6,000.00
A-13	PIPE CULVERT REMOVAL	200	FEET	\$10.00	\$2,000.00	\$9.00	\$1,800.00
A-14	CORRUGATED STEEL CULVERT PIPE, 12 INCH	200	FEET	\$25.00	\$5,000.00	\$48.00	\$9,600.00
A-15	END SECTIONS	20	EACH	\$150.00	\$3,000.00	\$275.00	\$5,500.00
A-16	GRADING AND SHAPING DITCHES	1,200	FEET	\$3.00	\$3,600.00	\$5.00	\$6,000.00
A-17	SEEDING, CLASS 1 (LAWN MIXTURE)	1.5	ACRE	\$4,000.00	\$6,000.00	\$6,000.00	\$9,000.00
A-18	MULCH, METHOD 2	1.5	ACRE	\$2,000.00	\$3,000.00	\$3,000.00	\$4,500.00
A-19	NITROGEN FERTILIZER NUTRIENT	100	POUND	\$6.00	\$600.00	\$3.00	\$300.00
A-20	PHOSPHORUS FERTILIZER NUTRIENT	100	POUND	\$6.00	\$600.00	\$3.00	\$300.00
A-21	POTASSIUM FERTILIZER NUTRIENT	100	POUND	\$6.00	\$600.00	\$3.00	\$300.00
A-22	WHITE ROCK	50	TONS	\$20.00	\$1,000.00	\$30.00	\$1,500.00
	TOTAL BASE BIDS (AS CORRECTED)				\$975,950.00		\$1,032,990.00
	Percent Over Under ENGINEER'S ESTIMATE						5.84%
	TOTAL ALTERNATE BIDS (AS CORRECTED)				\$175,200.00		\$213,200.00
	Percent Over Under ENGINEER'S ESTIMATE						21.69%
	TOTAL BASE BIDS + ALTERNATE BIDS (AS CORRECTED)				\$1,151,150.00		\$1,246,190.00
	Percent Over Under ENGINEER'S ESTIMATE						8.26%

Jerald W. Stevens, P.E., Eng. SVCS Coordinator

Date